

ABSTRACT

An optical scanning apparatus including a pulse modulation mechanism, a laser light source, a light deflecting mechanism, and a scan-imaging device. The pulse modulation mechanism performs a pulse modulation to input image data to output pulse-modulated image data. The laser light source generates a laser light beam according to the pulse-modulated image data. The laser light beam has a wavelength variation smaller than 2.0nm per one pulse of the laser light beam. The light deflecting mechanism converts the laser light beam into a scanning laser light beam. The scan-imaging device condenses the scanning laser light beam into a scanning light spot on a surface to be scanned.